

GENERAL NOTES: (UNLESS OTHERWISE SPECIFIED)

1. COMPUTER GENERATED DRAWING. DO NOT REVISE MANUALLY.
2. DIMENSIONS & TOLERANCING PER ANSI Y14.5 (1982).
3. DIMENSIONS ARE IN INCHES.
4. INTERNAL VOLUME: 1624 CUBIC INCHES WATER VOLUME, MINIMUM.
5. WEIGHT: 28.8 LBS NOMINAL, 30.0 LBS MAXIMUM.
6. CYLINDER SHALL BE FREE OF ALL INTERNAL SURFACE CONTAMINANTS, ODORS, SCALES, AND EVIDENCE OF CORROSION. WATER STAIN DISCOLORATION IS ACCEPTABLE.
7. OPERATIONAL REQUIREMENTS:
 - A. CONTAINED GAS: AIR
 - B. SERVICE PRESSURE: 4500 PSI
 - C. TEST PRESSURE: 7500 PSI
 - D. MIN. BURST PRESSURE: 15359 PSI
 - E. OPERATING TEMPERATURE: -40 °F TO +160 °F
8. MANUFACTURE IN ACCORDANCE WITH PTD MFG PLAN 1102. WINDING SPEC 6289. DOT EXEMPTION E-11194 AND WORK INSTRUCTION. ACCEPTANCE TESTING IN ACCORDANCE WITH DOT-CFFC, E-11194. CERTIFIED INSPECTION AND TEST DATA REQUIRED IN COMPLIANCE WITH EXEMPTION DOT-CFFC, E-11194.
9. MATERIAL:
 - A. LINER: ALUMINUM ALLOY 6061-T6
 - B. OVERWRAP: 700 KSI CARBON FIBER IN ACCORDANCE WITH PTD SCD 2101
 - C. E-GLASS FIBER IN ACCORDANCE WITH PTD SCD 2103

D. RESIN: EPOXY IN ACCORDANCE WITH PTD SCD 2106. PIGMENT PER CUSTOMER REQUIREMENT.

E. COATING: EXTERIOR FINISH PER QAP-001 AND CUSTOMER REQUIREMENTS.

10. IDENTIFICATION OF UNIT TO BE IN ACCORDANCE WITH DOT-CFFC AND EXEMPTION E-11194. CUSTOMER REQUIREMENT AND WORK INSTRUCTION.

11. ACCEPTANCE TEST SHALL INCLUDE AS A MINIMUM:

- A. EXAMINATION OF PRODUCT (CAPACITY, WEIGHT, PORT AND THREAD CHECK)
- B. PROOF PRESSURE TEST

12. LABEL LOCATION AND ORIENTATION PER EXEMPTION E-11194 & WORK INSTRUCTION.

13. THREADS & SEALING SURFACES TO BE PROTECTED FROM DAMAGE DURING SHIPPING AND STORAGE.

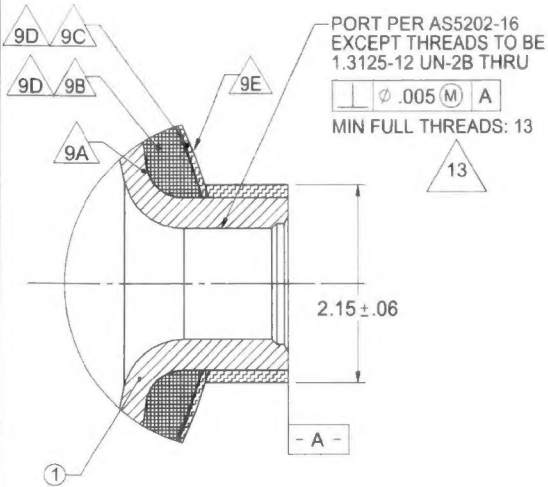
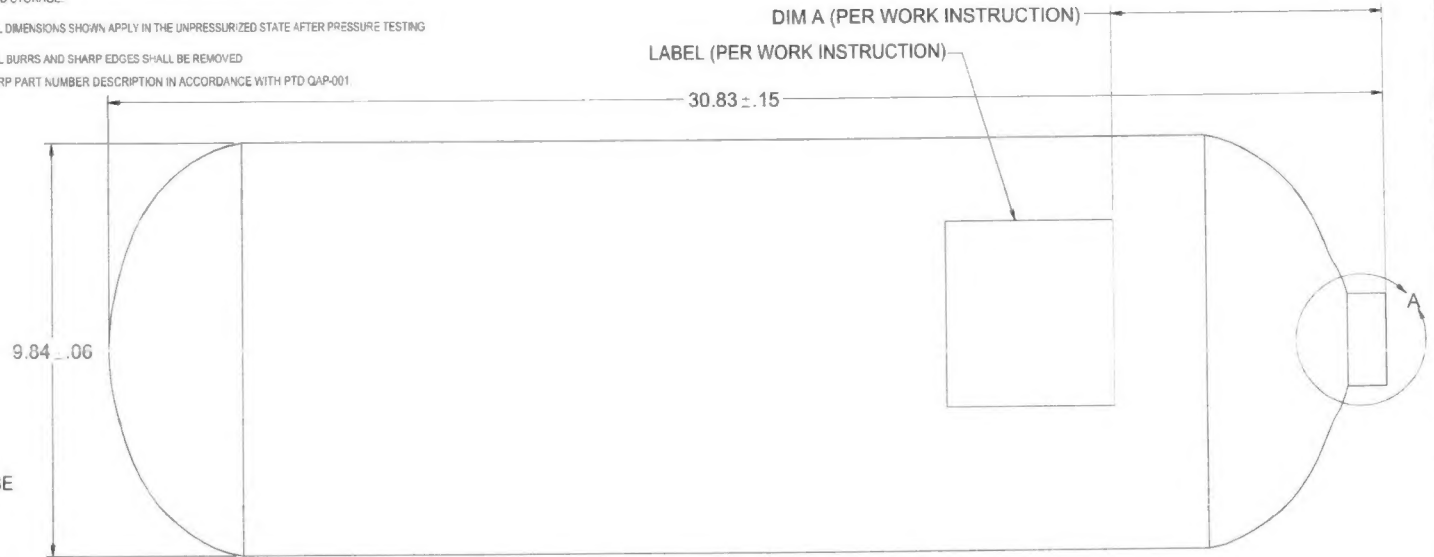
14. ALL DIMENSIONS SHOWN APPLY IN THE UNPRESSURIZED STATE AFTER PRESSURE TESTING.

15. ALL BURRS AND SHARP EDGES SHALL BE REMOVED.

16. MRP PART NUMBER DESCRIPTION IN ACCORDANCE WITH PTD QAP-001.

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REVISIONS				
ZONE	LTG	DESCRIPTION	DATE	APPROVED
A		ECO 618	12/21/05	JH
B		ECO 663	8/1/06	JH
C		ECO 694	3/16/07	JH
D		ECO 738	7/12/07	JH



DETAIL A

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QTY	ITEM NO.	PART OR IDENTIFYING NUMBER	CODE IDENT	NOMINIAL TUBE OR DESCRIPTION	MATERIAL	SIZE	SPECIFICATION	FINISH	ZONE
LIST OF MATERIALS									
FILE NO.	6289REV D SLDRAW	DRAWN	LS	DATE	PRESSURE TECHNOLOGY DIVISION CARLETON TECHNOLOGIES INC.				
DWG SET		PROJ ENG	CT	7/18/07					
REVISION	D	OPS MGR	KH	7/24/07					
WORK NO.		QA MGR	SS	7/22/07					
DATE		ENG MGR	JH	7/18/07	SIZE	CODE IDENT	DRAWING NUMBER	6289 D	
PART NO.	QTY REQD	TEST ASBY	USED ON	DATE	SCALE	NONE	REL DATE		
APPLICATION					REL DATE	7/12/07	SH	1	OF 1